

2012 Bioenergy Action Plan

An Update - 10.18.12




What is the Bioenergy Action Plan?

The plan is developed with input from the Bioenergy Interagency Working Group, California Biomass Collaborative, and stakeholders/public comments.

The plan outlines state agency actions that:

- 1) stimulate cost-effective utilization of the state's diverse biomass resources for conversion to "low-carbon" biofuels, biogas, and renewable electricity;
- 2) increase research, development and demonstration of bioenergy toward commercializing new technologies;
- 3) streamline the regulatory and permitting processes; and
- 4) quantify and monetize the benefits of bioenergy.



Why is the BAP important to CalRecycle stakeholders?

- Intended to advance the bioenergy market in California
- Assists meeting AB341 goals
- Includes CalRecycle's development of front-end processing standards and enforcement
- Increases use of biomass residues
- Reduces GHG emissions from decomposing organic material



Action Items

- Increase Energy Production from Urban-Derived Biomass by:
 - a) Developing front-end processing and enforcement
 - b) Reviewing applicable proposed legislation and statutory definitions
- Alternative Fuel Investment Plan - Provide technical reviews of project proposals
- Provide low interest loans and technical and permitting assistance through the Recycling Market Development Zones (RMDZ) program.
- Work with California Pollution Control Financing Authority to help projects obtain financing.



Action Items (cont)

- Identify funding source and conduct a Programmatic Environmental Impact Report for Biomass Thermochemical Conversion Technologies
- Remove Barriers to the Utilization of Biomethane via natural gas pipelines
- Increase Deployment of Anaerobic Digestion Projects using Urban and Agricultural Wastes
- Identify additional types of biomass for AB 32 capped entities



Action Items (cont)

- Monitor Re-MAT to assess incentives for Renewable Projects, adjust if needed
- Provide funding opportunities for Integrated Bioenergy Facilities and Bioenergy RD&D – EPIC Investment Plan
- Consider Adoption of Offset Protocols for Bioenergy
- Develop LCFS Pathways for Anaerobic Digestion of MSW*
 - HSAD – CI -15.29



Stay tuned for updates on implementation!

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